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| '\cgn2_6/ptodata/2'ina/6A_COMB.seq:*
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ALIGNMENTS

RESULT 1 US-08-858-876A-1

Sequence 1, Application US/08858876A Patent No. 6022856

GENERAL INFORMATION:

APPLICANT: Daniel CAPUT
APPLICANT: Pascale CHALON
APPLICANT: Pascale CHALON
APPLICANT: Vita NATALIO
TITLE OF INVENTION: Type 2 Neurotensin Receptor
TITLE OF INVENTION: (hNT-R2)
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:

STREET: 400 Sever CITY: Washington

ADDRESSEE:

3: Jacobson, Price 400 Seventh Street

Price, Holman & Stern, PLLC

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US-08-858-876A-1
                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 1575 base pairs
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PRIOR APPLICATION DATA:
RAPPLICATION UMBER: PCT/FR
APPLICATION UMBER: 17-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,04
                                                                                      TOPOLOGY: lin
MOLECULE TYPE:
ORIGINAL SOURCE:
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                                                   FEATURE:
                 NAME/KEY:
LOCATION:
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COUNTRY: USA
                                                                     ORGANISM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1, Application US/09472880 Patent No. 6274333 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     172 ctgcagaagaaaggatacttgcagaaggaggtgacagaccacatggtgagtttggcttgc
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            568 CACGAACTCGAGACGGCGGACGGGGGGCCGGAGCCCGCCT 607
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                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
            APPLICATION NUMBER: PCT/FR 9723204 FILING DATE: 17-MAR-1997 ATTORNEY/AGENT INFORMATION:
                                                                            CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                          CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Type 2 Neurotensin Receptor (hNT-R2)
NUMBER OF SEQUENCES: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Daniel CAPUT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GCGGGCCTGCTGCTGCTGGTCGGCGTGCCGGTGGAGCTCTACAGCTTCGTGTTGGTTC
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                                                                                                               APPLICATION NUMBER: US/09/472,880 FILING DATE: 28-Dec-1999
                                                                                                                                                                                                COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                   STATE: D.C.
COUNTRY: USA
NAME: Player,
                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                         CITY: Washington
                                                                                                                                                                                                                                                                                                                                                      STREET: 400 Seventh Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pascale CHALON
Pascual FERRARA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Vita NATALIO
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0; Mismatches 264;
                                                                                                                                                                                                                                                                                                                                                                                   Holman
                                                                                                                                                                                   Version
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                                                                                                                                                                                                                       Sequence 1, Application US/08832399 Patent No. 6008050
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Best Local Similarity
                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Bergsma, Derk
APPLICANT: Shabon, Usman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: INFORMATION FOR SEQ ID NO: 1
                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                       TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          388
                                                                                                                                                                                                                                                                                                                                                                             532 tacccctggtgaacgtgcccagccaggggtctcactt 571
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                                 STREET: 709 Swedeland CITY: King of Prussia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              88 AGCCTGGACGCCCGGCTGGGCGTGGACACTCGCCTCTGGGCCAAGGTGCTGTTCACCGCG
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COUNTRY:
                     STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear MOLECULE TYPE: cDNA ORIGINAL SOURCE:
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LENGTH: 1575 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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LOCATION: 37.
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                                                                                                                                         NOVEL HUMAN NEUROTENSIN
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                                                                                                                                               RECEPTOR
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COMPUTER READABLE FORM: MEDIUM TYPE: Diskett

Diskette

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                                                                                             Sequence 1, Application US/09372498 Patent No. 6166182
                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches 196;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
APPLICANT: Derk J. Bergsma
APPLICANT: Usman Shabon
TITLE OF INVENTION: NOVEL HUMAN NEUROTENSIN RECEPTOR TYPE
TITLE OF INVENTION: AND SPLICE VARIANTS THEROF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: 610-270-5515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: King, William T
REGISTRATION NUMBER: 30,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 1342 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                         509
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OPERATING SYSTEM: DOS
SOFTWARE: PastSEQ for Windows Version 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: si
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 610-270-5090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                               tgctgtttgccatgggtactgagtaccccctggtgaacgtgcccagccaccggggtctca 568
                                                                                                                                                                                                                                                                                                                                                                              gccaggtgaagctgctgattggcttcgtctgggtcacctccgccctggtggcactgccct 508
                                                                                                                                                                                                                                                                                                                                                                                                                                                        gctttgagcgctacatcgccatctgtcaccccttcaggtacaaggctgtgtcgggacctt 448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GCTACTACTTCGTGCACGAGCTGTGCGCCTACGCCACGGTGCTGAGCGTGGCAGGCCTGA 440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                agttctacagcatcatctggaatcccctgaccacgtccagctacaccctgtcctgcaagc 328
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                                                                                                                                                                                                                                                                                    TGGCCGTCATCATGGGGCAGAAGCACGAACTCGAGACGGCGGACGGGGAGCCGGAGCCCG
                                                                                                                                                                                                                                                                                                                                                                                                                                    GCGCCGAGCGCTGCCTAGCCGTGTGCCAGCCCCTGCGTGCCCGCAGCCTGCTGACGCCAC 500
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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54.0%;
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; TYPE: DNA
; ORGANISM: HOMO SAPIENS
US-09-372-498-1
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SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches 196;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: GH-50020-1
CURRENT APPLICATION NUMBER: US/09/372,
CURRENT FILING DATE: 199-08-11
PRIOR APPLICATION NUMBER: 08/832,399
PRIOR FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 12
                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH:
               COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOTTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                   TITLE OF INVENTION: Type 2 Neurotensin Receptor TITLE OF INVENTION: (hNT-R2)
NUMBER OF SEQUENCES: 12
                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                        APPLICANT: Daniel CAPUT
APPLICANT: Pascale CHALON
APPLICANT: Pascual FERRARA
APPLICANT: Vita NATALIO
                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                569
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                                                                                                                                            COUNTRY:
                                                                                                                                                                               CITY: Washington
                                                                                                                                                                                                  STREET:
APPLICATION NUMBER:
                                                                                                                                                                                                               ADDRESSEE:
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                                                                                                                                                             D.C
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                                                                                                                                                                                                  400 Seventh Street
                                                                                                                                            USA
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                                                                                                                                                                                                                   Jacobson,
                                                                                     Floppy disk
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US/08/858,876A
                                                                                                                                                                                                               Price,
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Pred. No. 8.7e-14;
                                                                                                                                                                                                                   Holman
                                  Version
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US-09-472-880-3
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Patent No. 6274333
GENERAL INFORMATION:
APPLICANT: Daniel CAPUT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local 9
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ATTORREY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,049
INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: CDS
LOCATION: 41..
858-876A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 1529 base pair
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/FR 9723204
FILING DATE: 17-MAR-1997
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         209 accacatggtgagtttggcttgctcggacatcttggtgttcctcatcggcatgcccatgg 268
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Rat
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                           NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price,
STREET: 400 Seventh Street
                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Type 2 Neurotensin Receptor (hNT-R2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 tgctgtttgccatgggtactgagtaccccctggtgaacgtgcccagccacc 559
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      gccaggtgaagctgctgattggcttcgtctgggtcacctccgccctggtggcactgccct 508
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GCTATTACTTCGTGCGCGAGCTGTGCGCCTACGCCACAGTGCTGAGCGTTGCCAGCCTAA 428
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AGCTCTACAACTTCGTGGTCCCACTACCCATGGGTCTTCGGCCGATCTGGGCTGCCGTG 368
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  agttctacagcatcatctggaatcccctgaccacgtccagctacaccctgtcctgcaagc 328
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               185;
                                                                                                                       CITY: Washington STATE: D.C.
                                                                                               COUNTRY: USA
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                                                                                                                                                                                                                                                                                                                                                                                            Pascual FERRARA
                                                                                                                                                                                                                                                                                                                                                                                                                              Pascale CHALON
                                                                                                                                                                                                                                                                                                                                                                    Vita NATALIO
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                                                                                                                                                                                                             Holman & Stern,
                                                                                                                                                                                                                   PLLC
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LOCATION: 41..1288
SEQUENCE DESCRIPTION: SEQUENCE OF SEQUENCE OF
                                                                                                                                                                                                                                                                                                                                                                                            US-09-077-675A-6
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REGISTRATION NUMBER: 31,049
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                 APPLICANT: Pai, Lee-Yuh
APPLICANT: Feighner, Scott C.
APPLICANT: Howard, Andrew D.
APPLICANT: Pong, Sheng-Shung
APPLICANT: Van Der Ploeg, Leonardus H.T.
TITLE OF INVENTION: RECEPTOR ASSAY
                                                             CORRESPONDENCE ADDRESS:
                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   209 accacatggtgagtttggcttgctcggacatcttggtgttcctcatcggcatgcccatgg 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          549
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        389
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  249 ACCACGTGCTCAGCCTGCTCAGCCCTGCTGCTACTGCTGGTCAGCATGCCCATGG 308
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                                    ADDRESSEE:
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MOLECULE TYPE: cDNA
ORIGINAL SOURCE:
ORGANISM: Rat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/472,880
FILING DATE: 28-Dec-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      tgctgtttgccatgggtactgagtaccccctggtgaacgtgcccagccacc 559
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             gccaggtgaagctgctgattggcttcgtctgggtcacctccgccctggtggcactgccct 508
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               gctttgagcgctacatcgccatctgtcaccccttcaggtacaaggctgtgtcgggacctt 448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GCTATTACTTCGTGCGCGAGCTGTGCGCCTACGCCACAGTGCTGAGCGTTGCCAGCCTAA
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STRANDEDNESS: single
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      E: Merck & Co., Inc.
P.O. Box 2000, 126 E. Lincoln Ave.
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52.7%;
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Pred. No. 2.5e-11;
0; Mismatches 166;
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RESULT
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     131 CACCTGCGTGGCACTCTTCGTGGTGGGTATCGCTGGCAACCTGCTCACCATGCTGGTGGT 190
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                                                                                                                                                                                                                                                                                 368 CTACGCCACGGTGCTCACCATCACAGCGCTGAGCGTCGAGCGCTACTTCGCCATCTGCTT 427
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                                                     548 GAACGGCACCGACCCTTGGGAC 569
                                                                                       537 cctggtgaacgtgcccagccac 558
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FILING DATE: 3-JUN-1998
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ZIP: 07065-0900
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                                                                                                                                                                                                                                                                                                     ctacgctacgctgctgcacgtgctgacactcagcttttgagcgctacatcgccatctgtca 416
                                                                                                                                                                                                                                                                                                                                                                              gaccacgtccagctacaccctgtcctgcaagctgcacactttcctcttcgaggcctgcag 356
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                                                                                                                              CTGGGCCGTGGCCTTCTGCAGCGCCCGGGCCCCATCTTCGTGCTAGTCGGGGTGGAGCACGA 547
                                                                                                                                                                                                        ccccttcaggtacaaggctgtgtcgggaccttgccaggtgaagctgctgattggcttcgt 476
                                                                                                                                                                                                                                                                                                                                                           GCCCTGGAACTTCGGCGACCTCCTCTGCAAACTCTTCCAATTCGTCAGTGAGAGCTGCAC 367
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      catcttggtgttcctcatcggcatgcccatggagttctacagcatcatctggaatcccct 296
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           gaagaaaggatacttgcagaaggaggtgacagaccacatggtgagtttggcttgctcgga 236
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Pred. No. 1.4e-10;
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                                                                                                                                                                                                                                                                                                                                                                                                                          Matches 224;
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
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OPERATING SYSTEM: DOS
SOFTWARE: FastSEO for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/077,675A
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MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: RECEPTOR ASSAY NUMBER OF SEQUENCES: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: cDNA
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                                                                                                                                                                                                                                                                                                                 177
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417 ccccttcaggtacaaggctgtgtcgggaccttgccaggtgaagctgctgattggcttcgt 476
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ZIP: 07065-0900
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                                                                                                                                                                                                                                                                                                                                                                                                                                          Match 6.0%; Local Similarity 50.7%;
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                                                                                                                                                                                                                                                                                                             gaagaaaggatacttgcagaaggaggtgacagaccacatggtgagtttggcttgctcgga 236
                                                     CTACGCCACGGTGCTCACCATCACAGCGCCTGAGCGTCGAGCGCTACTTCGCCATCTGCTT
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P.O. Box 2000, 126 E. Lincoln Ave.
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Pong, Sheng-Shung
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                                                                                                                                                                          Best Local Similarity 55.28;
Matches 175; Conservative
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SEQUENCE CHARACTERISTICS:
LENGTH: 836 base pairs
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APPLICANT:
APPLICANT:
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PRIOR APPLICATION DATA:
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362 ctacgctgctgcacgtgctgacactcagctttgagcgctacatcgccatctgtcacccct 421
                                                              302 cgtccagctacaccctgtcctgcaagctgcacactttcctcttcgaggcctgcagctacg 361
                                                                                                                                        242 tggtgttcctcatcggcatgcccatggagttctacagcatcatctggaatcccctgacca 301
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                                    61 GGAACTTCGGCGACCTCCTCTGCAAACTCTTCCAATTCGTCAGTGAGAGCTGCACCTACG 120
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                                                                                                                                                                                                                                                                                                               STRANDEDNESS: S1
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TELEFAX: 732-594-4720
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SOFTWARE: FastSEQ for Windows Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: COCUZZO, Anna L. REGISTRATION NUMBER: 4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/
FILING DATE: 3-JUN-1998
                                                                                                            4 TGCTCATCTTCCTCTGCATGCCCCTGGACCTCGTTCG---CCTCTGGCAGTACCGGCCCT 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
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Van Der Ploeg, Leonardus H.T.
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Howard, Andrew D.
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                                                                                                                                                                            MOLECULE TYPE:
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CORRESPONDENCE ADDRESS:
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                  224 tggcttgctcggacatcttggtgttcctcatcggcatgcccatggagttctacagcat-- 281
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242 TGTCCAGCATGGCCTTCTCGGATCTGCTCATCTTCCTGTGCATGCCGCTGGACCTCGTCC 301
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                                                                                    Local
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TOPOLOGY: 11:
                                                                                                                                                                                                                                TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                        NAME: COCUZZO, Anna L
REGISTRATION NUMBER: '
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                LENGTH:
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FILING DATE: 3-JUN-1998
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                                                                                    Similarity
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                                                                     Conservative
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Pong, Sheng-Shung
Van Der Ploeg, Leonardus H.T
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                                                                   Score 77.2; DB 4;
Pred. No. 1.9e-09;
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US-09-077-675A-14
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US-09-077-675A-14
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             Query Match
Best Local Similarity
Matches 182;
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                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-1273
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SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
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APPLICANT: Van Der Ploeg, Leonardus H.T.
TITLE OF INVENTION: RECEPTOR ASSAY
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                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
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CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                    NAME: Cocuzzo, Anna L. REGISTRATION NUMBER: 4
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Howard, Andrew D.
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Conservative
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                 Score 77.2; DB 4; Pred. No. 2.7e-09;
Mismatches 153;
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         US-09-077-675A-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 1063 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: FastSEQ for CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                       MOLECULE TYPE:
                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET:
                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                  NAME: COCUZZO, Anna L. REGISTRATION NUMBER: 42,452
                                                                                                                                                                                                                                                                                                         FILING DATE
                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Merck & Co., Inc.
STREET: P.O. Box 2000, 126 E. Lincoln Ave.
                                                              STRANDEDNESS:
                                                                                                                                                                       TELEFAX: 732-594-4720
                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                                              LENGTH:
                                                                                                                                                                                              TELEPHONE:
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Pong, Sheng-Shung
Van Der Ploeg, Leonardus H.T.
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Feighner, Scott C.
                                                                                                                                                                                                                                                                                                                                                                                                                                           FastSEQ for Windows Version
                                               linear
                                                                                                                                                                                                732-594-1273
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                                                           single
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches 160;
                                                                                                           INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL
                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: 732-594-1273
                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/077,675A
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APPLICANT: Van Der Ploeg, Leonardus H.T.
TITLE OF INVENTION: RECEPTOR ASSAY
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OPERATING SYSTEM:
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                 TOPOLOGY:
                               TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE:
                                                                                                                                                                                                                   NAME: Cocuzzo, Anna L.
REGISTRATION NUMBER: 42,452
                                                                                                                                              TELEFAX:
                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
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TYPE:
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                                                                  1029 base pairs
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Best Local
                                                                                                 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                      APPLICATION NUMBER: US 07/977,452
FILING DATE: 17-NOV-1192
ATTORNEY/AGENT INFORMATION:
NAME: NO. 5759804and, Greta E.
REGISTRATION NUMBER: 35,302
                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Rel CURRENT APPLICATION DATA:
    MOLECULE TYPE:
                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Gray, Patrick W.
APPLICANT: Schweikart, Vicki L.
TITLE OF INVENTION: NO. 5759804
NUMBER OF SEQUENCES: 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                    TELEPHONE: (312) 474-63
TELEFAX: (312) 474-0448
TELEX: 25-3856
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                    STRANDEDNESS:
TOPOLOGY: li
                                                            TYPE:
                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 6300
CITY: Chicago
                                                                            LENGTH:
                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & ADDRESSEE: Bicknell
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                                                       : 1872 base pairs
nucleic acid
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                    linear
DNA (genomic)
                                       single
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55.6%;
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; NAME/KEY: ; LOCATION: US-08-153-848-39

CDS 202..1341

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FEATURE:

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US-09-299-843A-39

; Sequence 39, Application US/09299843A

; Patent No. 6107475
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                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/088,337
FILLING DATE: 01-JUN-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/153,848
FILLING DATE: 17-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,452
FILLING DATE: 17-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Jill E. Uhl
BEGITETERETEN.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches 144; Conservative
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
           REGISTRATION NUMBER: 43,213
REFERENCE/DOCKET NUMBER: 27
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Godiska, Ronald
APPLICANT: Gray, Patrick W.
APPLICANT: Schweikart, Vicki L.
TITLE OF INVENTION: No. 6107475el Seven Transmembrane Receptors
NUMBER OF SEQUENCES: 66
                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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  TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & ADDRESSEE: Borun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              gagacgtttttctacctcagctcggtcatcaacccgctcctgtacacggtgtcctcgcag 1047
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             USA
(312) 474-6300
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51.1%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 61.2; DB 1;
Pred. No. 1.3e-05;
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; LOCATION:
US-09-299-843A-39
                                                                                                                                                                                                                                                                                                                                                                                            Query Match 4.5%; Score 61.2; DB 3; Best Local Similarity 51.1%; Pred. No. 1.3e-05; Matches 144; Conservative 0; Mismatches 138;
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SEQUENCE CHARACTERISTICS:
LENGTH: 1872 base pair
1144 CGCTTCCGCCAGGCCTGCACCTCCATGCTCTGCTGTGGCCAG 1185
                                                                          1084 ACCTGCATCAGCTAACAGCTGCCTCAACCCCTTCCTCTATGCCTTTTTCGACCCC 1143
                    1048 cagtttcggcgggtgttcgtgcaggtgctgtgctgccgcctg 1089
                                                                                                                                                        1024 AGCCTGCTGCACTGGCCCTGTGACTTTGACCTCTTCCTCATGAACATCTTCCCCCTACTGC 1083
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                                                                                                                                                                                       928 cccaagcacgactggacgaggtcctacttccgggcgtacatgatcctcctccccttctcg 987
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
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202..1341
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Gaps

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Job time: 2918 sec Search completed: January ω 2002, 22:23:47